

20040225.qrp v03_n208.qrl.20040225

Date: Wed, 25 Feb 2004 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3208

QRP-L Digest 3208

Topics covered in this issue include:

- 1) [169040] Re: Hustler 6BVT Vertical
by "Paul Mackanos" <paul@prohomeinspector.net>
- 2) [169041] Fw: Goodbye QRP-l
by "John Paul Keon" <jpkeon@nc.rr.com>
- 3) [169042] RE: [Elmer 160] PIC El Programming Problems
by "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
- 4) [169043] Re: [Elmer 160] PIC El Programming Problems
by "John J. McDonough" <wb8rcr@arrl.net>
- 5) [169044] KF6NMP
by Richard Lim <richlim11@yahoo.com>
- 6) [169045] Announcment - FDIM 2004, Dayton, OH May 13-16, 2004
by "Tom Dooley" <tjdooley@comcast.net>
- 7) [169046] First TWOFER
by Richard Lim <richlim11@yahoo.com>
- 8) [169047] RE: [Elmer 160] PIC El Programming Problems
by "Craig Johnson" <cbjohns@cbjohns.com>
- 9) [169048] RE: [QRP-L] Truffle Hunt Announcenet for Tuesday evening
by "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
- 10) [169049] Re: And now for something FREE!!!
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 11) [169050] WTB multipig boards
by <n2go@arrl.net>
- 12) [169051] Another Freebie
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 13) [169052] ULTRA QRP
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 14) [169053] Re: XTAL needed
by Tom Severt <n2uhc@yahoo.com>
- 15) [169054] OT repeater
by PMdc361@aol.com
- 16) [169055] 6BTV Vertical - Guying??
by "Dick" <dboley@adelphia.net>
- 17) [169056] Re: 6BTV Vertical - Guying??
by "Pastor-kc1di" <elbc2@gwi.net>
- 18) [169057] Re: Hustler 6BVT Vertical
by "Doc - W5TB" <w5tb@arrl.net>
- 19) [169058] Re: Hustler 6BVT Vertical

- by "Doc - W5TB" <w5tb@arrl.net>
- 20) [169059] Re: WTB multipig boards
by John Sielke <jsielke@pobox.com>
- 21) [169060] Journal of the Rock-Mite 30
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 22) [169061] RE: 6BTV Vertical - Guying??
by "J. Michael Thurman" <jmthurman@centurytel.net>
- 23) [169062] An Article on a Magnetic Loop for SWL
by Alex <kr1st@amsat.org>
- 24) [169063] (ELMER 160) PICE gen ver 1.3
by "happy tooth" <jrobim@hotmail.com>
- 25) [169064] RE: Hustler 6BVT Vertical and Radials
by "Walter Costa" <walt3120@hotmail.com>
- 26) [169065] Re: Hustler 6BVT Vertical and Radials
by Bruce Muscolino <w6toy@erols.com>
- 27) [169066] Re: WTB multipig boards
by KD5NWA <KD5NWA@cbayona.com>
- 28) [169067] multiPIG+ review (was WTB multipig boards)
by Lloyd Lachow <llachow@yahoo.com>
- 29) [169068] FS: MultiPig+ Kit
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 30) [169069] Re: WTB multipig boards
by "Wayne M. Rogers" <w5kdj@juno.com>
- 31) [169070] Re: Hustler 6BVT Vertical and Radials
by jakidz@pullman.com
- 32) [169071] Re: Hustler 6BVT Vertical and Radials
by "Walter AG5P" <walter@accessus.net>
- 33) [169072] Another home for QRP-L
by wa3rey@comcast.net
- 34) [169073] Re: WTB multipig boards
by John Sielke <jsielke@pobox.com>
- 35) [169074] Re: XTAL needed
by "Chetan Bhargava" <list3@bhargavaz.com>
- 36) [169075] loght switch
by "Frank Emens" <femens@hiwaay.net>
- 37) [169076] Re: loght switch
by "Chris Trask" <chistrask@earthlink.net>
- 38) [169077] SOLD_____FS: MultiPig+ Kit
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 39) [169078] Re: Hustler 6BVT Vertical and Radials
by "Bill Rowlett" <kc4atu@hotmail.com>
- 40) [169079] Re: Hustler 6BVT Vertical and Radials
by "Walter AG5P" <walter@accessus.net>
- 41) [169080] ATN: Doug Hendricks re spy radios, paraset
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 42) [169081] Re: Doug Hendricks re spy radios, paraset
by "William D. Rugg, Jr." <Bill.Rugg@comcast.net>
- 43) [169082] Radio Shack nibbling tool

by "Frank" <fking@oregonvos.net>
44) [169083] Re: WTB multipig boards
by "Ken Evans" <w4du@bellsouth.net>

Date: Tue, 24 Feb 2004 19:27:12 -0500
From: "Paul Mackanos" <paul@prohomeinspector.net>
To: <qrp-1@Lehigh.EDU>
Subject: [169040] Re: Hustler 6BVT Vertical
Message-ID: <OIEOKLEMPANAOANDKNOIEFGCAAA.paul@prohomeinspector.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the info, it looks like I have one coming in the next week or so. Is the manual too big to scan & send to me, I always get ahead of myself when waiting for a new toy.

Thanks, Paul K2DB

Date: Tue, 24 Feb 2004 20:00:33 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [169041] Fw: Goodbye QRP-1
Message-ID: <017601c3fb3a\$c8307640\$6601a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Well I sure hate to see this go by the wayside.

I too am one who gets tied up with other things and have been busy with a son's wedding.

Come back to start catching up and find that someone has finally put in the knife and ended this nice place to read, learn, and find things. I sure hate to see it go and am sorry to see that.

I rarely post, and use this to educate myself mostly. I have dealt with dumb, stupid, ignorant and belligerent people all my life until I finally retired from law enforcement. I just hate that someone finally got to the moderator so bad, in such a deceitful, underhanded way and tried to hurt him.

Jim, I myself want to thank you for the work you have done and thank the people who let you use the space for this site.

I hope the person(s) who perpetrated the melee in the first place have a wonderful life by themselves. It sure was nice while it lasted.

72's and 73's to all.
Cul somewhere on the bands.

John Paul, Raleigh, NC [AB4PP]//NNN UTV
"Sir Scribemeister" of the Knightlites
<http://www.knightlites.org>
"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Date: Tue, 24 Feb 2004 20:05:02 -0500
From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
To: "'Craig Johnson'" <cbjohns@cbjohns.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [169042] RE: [Elmer 160] PIC El Programming Problems
Message-ID: <001501c3fb3b\$6613c600\$64dc0a0a@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Craig,
I changed out Q4 with a 2N3905 I had. I do get a clock on CTS now and it does read the data from the PIC. However, I still am unable to program. Once again, just the first Program Memory location and always a h0000. This in itself might be telling us something.

Here is what I think...

The FPP program is dutifully sending the information out the comm port and the PIC-EL is receiving it. Now since it is all zeros or low levels, perhaps the programming voltage isn't enough and each bit is a 'low'. So that is what the PIC-EL programs. FPP now reads back the

first memory location and finding something different then was sent,
shuts down with "Failed to Program!".
My program voltage is 11.58V however I am supplying 15.08V with a wall
wart (unregulated 12VDC @ 200ma). Is this normal? The 11.58V I mean.
73/72 - Kevin, W8VOS

> -----Original Message-----

> From: Craig Johnson [mailto:cbjohns@cbjohns.com]=20
> Sent: Monday, February 23, 2004 1:32 PM
> To: Kevin M., W8VOS
> Subject: Re: [Elmer 160] PIC E1 Programming Problems
>=20

>=20

> Kevin,
> Either of those should be fine.

> 72,

> -Craig, AA=D8ZZ

>=20

>=20

> ----- Original Message -----

> From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
> To: <cbjohns@cbjohns.com>; "'Low Power Amateur Radio=20
> Discussion'" <qrp-l@Lehigh.EDU>
> Sent: Sunday, February 22, 2004 10:21 PM
> Subject: RE: [Elmer 160] PIC E1 Programming Problems
>=20

>=20

> > Craig,
> > This might be it. I removed Q4 from the board and checked=20
> it with my=20
> > DMM. It is open on all sides. Is there a suitable sub I=20
> may have in=20
> > my junkbox? I have 2N3905 and 2N3906 in abundance.
> > 73/72 - Kevin, W8VOS

> >

> >

> > > -----Original Message-----

> > > From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On=20
> > > Behalf Of Craig Johnson
> > > Sent: Sunday, February 22, 2004 4:27 PM
> > > To: Low Power Amateur Radio Discussion
> > > Subject: RE: [Elmer 160] PIC E1 Programming Problems
> > >

> > >

> > >

> > > Kevin,

> > > > First, if your

> > > > programming clock pulse is not being generated, it=20

```

> would exhibit=20
> > > >> this behavior.
> > >
> > > >This is checked with a TTL logic probe:
> > > > 0 Q1-C R11 is clocked during read.
> > >
> > > Good.
> > >
> > > >When I force TD low with a jumper to ground the 11.57V
> > > appears on the
> > > >TP-Vpgm. When I release it it goes to 0.723V.
> > >
> > > OK. A bit high for a "low", but should be OK. (It is=20
> OK, based on=20
> > > what you say later. )
> > >
> > > >This is checked with a TTL logic probe:
> > > > 0 TD does go low for the read cycle. [-10V checked with
> > > DVM] 0 RTS is
> > > >Clocked during read. 0 DTR is Clocked during read.
> > > > 0 CTS stays low during read and program. This checked at
> > > via by R1.
> > > > -It seems that it is always low.
> > >
> > > I think we have it here. CTS needs to toggle between=20
> approximately=20
> > > +4v and -4v. If it is always low, there is a problem. =20
> First, what=20
> > > do you read for the "low" level? Is it zero or below zero?
> > >
> > > Looks very much like Q4 is bad. If it is "open", you=20
> would always=20
> > > get a low for CTS. When you ground the base of Q4, does CTS still=20
> > > stay "low"?
> > >
> > > Of course, maybe the Q4 collector is being held low
> > > (grounded) by a short somewhere. That's why the voltage=20
> reading of=20
> > > the "low" level is particularly important.
> > >
> > > > Thinking back, the real "klinker" in this whole analysis is
> > > >> that I think you said it works correctly when
> > > >> connected to a different computer.
> > >
> > > >No, that wasn't me. When I use PICALL to program the=20
> pic it works.=20
> > > >But that is a horse of a different color. It uses a
> > > different program

```

> > > (picallw.exe) and the LPT1 port (parallel).
> > >
> > > Yes, that's a completely different animal, since the=20
> signal levels=20
> > > for a parallel port are different, and, of course, it's also=20
> > > different hardware
> > > attached. I thought you said you
> > > ran the PIC-EL from another computer and it worked. =20
> Guess not. Glad=20
> > > we clarified that.
> > >
> > > >73/72 - Kevin, W8VOS
> > >
> > > 72,
> > > -Craig, AA0ZZ
> > >
> >
>=20
>=20

Date: Tue, 24 Feb 2004 20:22:40 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <adverseyaw@twmi.rr.com>, <cbjohns@cbjohns.com>
Subject: [169043] Re: [Elmer 160] PIC E1 Programming Problems
Message-ID: <02ea01c3fb3d\$dd3b8c70\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Kevin

11.58 should do it. The "programming" voltage on !MCLR is simply a signal to the PIC to enter programming mode. It also needs this signal to read the PIC contents, so if you can read it, then probably the voltage is OK.

The data and clock go in RB6/7 and are normal logic levels ... in the PIC, this is >4 volts for a logic high, and <1 volt for a logic low. A lot of folks are reporting somewhat less than 4 on RB7, but this still seems to work.

On a read, the PC needs to send a read command to the PIC, and then read back the result. If it can do that, then you must be getting something into the PIC. However, sending a read command is a whole lot less than then

whole "here comes data", "data", "program it", "send it back to me" cycle, so something that is marginal or can't turn around fast enough would seem the likely culprit.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, February 24, 2004 8:05 PM
Subject: RE: [Elmer 160] PIC El Programming Problems

> Craig,
> I changed out Q4 with a 2N3905 I had. I do get a clock on CTS now and
> it does read the data from the PIC. However, I still am unable to
> program. Once again, just the first Program Memory location and always
> a h0000. This in itself might be telling us something.
> Here is what I think...
> The FPP program is dutifully sending the information out the comm port
> and the PIC-EL is receiving it. Now since it is all zeros or low
> levels, perhaps the programming voltage isn't enough and each bit is a
> 'low'. So that is what the PIC-EL programs. FPP now reads back the
> first memory location and finding something different then was sent,
> shuts down with "Failed to Program!".
> My program voltage is 11.58V however I am supplying 15.08V with a wall
> wart (unregulated 12VDC @ 200ma). Is this normal? The 11.58V I mean.
> 73/72 - Kevin, W8VOS

>

>

> > -----Original Message-----

> > From: Craig Johnson [<mailto:cbjohns@cbjohns.com>]
> > Sent: Monday, February 23, 2004 1:32 PM
> > To: Kevin M., W8VOS
> > Subject: Re: [Elmer 160] PIC El Programming Problems

> >

> >

> > Kevin,
> > Either of those should be fine.

> > 72,

> > -Craig, AA ZZ

> >

> >

> > ----- Original Message -----

> > From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
> > To: <cbjohns@cbjohns.com>; "'Low Power Amateur Radio
> > Discussion'" <qrp-l@Lehigh.EDU>

> > Sent: Sunday, February 22, 2004 10:21 PM
> > Subject: RE: [Elmer 160] PIC E1 Programming Problems
> >
> >
> > > Craig,
> > > This might be it. I removed Q4 from the board and checked
> > it with my
> > > DMM. It is open on all sides. Is there a suitable sub I
> > may have in
> > > my junkbox? I have 2N3905 and 2N3906 in abundance.
> > > 73/72 - Kevin, W8VOS
> > >
> > >
> > > > -----Original Message-----
> > > > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On
> > > > Behalf Of Craig Johnson
> > > > Sent: Sunday, February 22, 2004 4:27 PM
> > > > To: Low Power Amateur Radio Discussion
> > > > Subject: RE: [Elmer 160] PIC E1 Programming Problems
> > > >
> > > >
> > > > Kevin,
> > > > >> First, if your
> > > > >> programming clock pulse is not being generated, it
> > would exhibit
> > > > >> this behavior.
> > > >
> > > > >This is checked with a TTL logic probe:
> > > > > 0 Q1-C R11 is clocked during read.
> > > >
> > > > Good.
> > > >
> > > > >When I force TD low with a jumper to ground the 11.57V
> > > > appears on the
> > > > >TP-Vpgm. When I release it it goes to 0.723V.
> > > >
> > > > OK. A bit high for a "low", but should be OK. (It is
> > OK, based on
> > > > what you say later.)
> > > >
> > > > >This is checked with a TTL logic probe:
> > > > > 0 TD does go low for the read cycle. [-10V checked with
> > > > DVM] 0 RTS is
> > > > >Clocked during read. 0 DTR is Clocked during read.
> > > > > 0 CTS stays low during read and program. This checked at
> > > > via by R1.
> > > > > -It seems that it is always low.
> > > >

> > > > I think we have it here. CTS needs to toggle between
> > approximately
> > > > +4v and -4v. If it is always low, there is a problem.
> > First, what
> > > > do you read for the "low" level? Is it zero or below zero?
> > > >
> > > > Looks very much like Q4 is bad. If it is "open", you
> > would always
> > > > get a low for CTS. When you ground the base of Q4, does CTS still
> > > > stay "low"?
> > > >
> > > > Of course, maybe the Q4 collector is being held low
> > > > (grounded) by a short somewhere. That's why the voltage
> > reading of
> > > > the "low" level is particularly important.
> > > >
> > > > > Thinking back, the real "klinker" in this whole analysis is
> > > > > that I think you said it works correctly when
> > > > > connected to a different computer.
> > > >
> > > > >No, that wasn't me. When I use PICALL to program the
> > pic it works.
> > > > >But that is a horse of a different color. It uses a
> > > > > different program
> > > > >(picallw.exe) and the LPT1 port (parallel).
> > > >
> > > > >Yes, that's a completely different animal, since the
> > signal levels
> > > > >for a parallel port are different, and, of course, it's also
> > > > > different hardware
> > > > > attached. I thought you said you
> > > > > ran the PIC-EL from another computer and it worked.
> > Guess not. Glad
> > > > we clarified that.
> > > >
> > > > >73/72 - Kevin, W8VOS
> > > >
> > > > >72,
> > > > >-Craig, AA0ZZ
> > > >
> > >
> >
> >
>

Date: Tue, 24 Feb 2004 19:37:02 -0600
From: Richard Lim <richlim11@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [169044] KF6NMP
Message-ID: <1C6B6190-6733-11D8-9993-000A95B92C0E@yahoo.com>
Mime-Version: 1.0 (Apple Message framework v612)
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=US-ASCII; format=flowed

If John KF6NMP is still on the list, would you please email me directly. I need to ask you something. Thanks for the bandwidth guys.

Rich

72/73 DE KQ9L K1 #1669, K2 #3232
KX1 #21, FIST 10193, FP 548,
QRP ARCI 11129

Date: Tue, 24 Feb 2004 21:09:47 -0500
From: "Tom Dooley" <tjdooley@comcast.net>
To: <QRP-L@mailman.qth.net>, <GQRP@yahoogroups.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [169045] Announcment - FDIM 2004, Dayton, OH May 13-16, 2004
Message-ID: <0fbb01c3fb44\$717cfb70\$6500a8c0@tdooleyoffice>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

FDIM 2004 announcement de K4TJD. I will be the Chair of this year's FDIM, which will be my third year on the job. The last two years were a real learning experience and I hope you will find that the FDIM 2004 experience will continue the tradition of a must attend affair.

Please mark your calendars and make your arrangements to attend the QRP Premier event of the year, the Four Days in May (FDIM), scheduled for May 13, 14, 15 and 16, 2004 in conjunction with the Dayton Hamvention. Please visit the QRP ARCI web site @ <http://www.qrparci.org/> and click on the FDIM 2004 - Dayton link. The FDIM 2004 information is up on the web site and will continue to be updated. Last year, over 300 QRP enthusiasts participated in the FDIM 2003 event. Make sure that YOU are part of FDIM 2004!

Whether you come for the full four days or stop by for a FREE evening of

fun, shopping, or checking out the contest entries, we would like to see you. Prizes will abound. The format will not change appreciably from prior years. Tickets for any paid function/item - Banquet (\$25), Seminar (\$18) - may be ordered from Tom Dooley, K4TJD, 4942 Dock Court, Norcross, GA 30092, USA. Please include your email address.

Another even more convenient way to pay is to use PayPal on the QRP ARCI web site @ <http://www.qrparci.org/>.

For those who are not familiar with the FDIM event, this event starts one day in advance of the three day Dayton Hamvention. This is the reason for the name, FDIM, as we add a fourth day to the Dayton event to provide a special day just for QRP seminars and get together/socials. The FDIM activities do not conflict with any of the daytime Dayton Hamvention events, while providing QRPers two additional evenings of QRP vendor displays, QRP building/design & display events, a special QRP banquet and opportunities to meet many of the our fellow QRP enthusiasts face to face. You gotta come and feel the power of QRP!

Registration: All registration information will soon be on the QRP ARCI web site @ <http://www.qrparci.org/>. For your convenience, QRP-ARCI accepts payment through PayPal!

A brief description of the activities is as follows:

Thursday, all day - QRP Seminars - Registration is \$18

On Thursday, from 8:00 AM until 4:30 PM, seven distinguished guest speakers will be presenting great talks that you will not want to miss. Your registration fee provides entrance to the seminar, coffee, and a copy of the proceedings. The proceedings is the printed copy of the talks that you will hear so you can make notes and review the material anytime you want in the future. Additional copies of the proceedings will be available for sale for \$18.

We may have some additional activities after the seminars (can you say Buildathon?), so please check back at the QRP ARCI web site @ <http://www.qrparci.org/>.

Naturally, we will have the meet the authors social on Thursday night, starting at 7:00 PM.

Friday night - Club/Vendor Night - FREE!

On Friday night (and on other nights optionally), clubs and vendors will be set up in the MAIN ballroom. This is a mini-hamfest in itself. Please contact myself for signing up as a club or vendor. Since the vendor night is known for fun and food, stand by for future announcements!

We traditionally have between 15 and 20 vendors at this event. Clubs are encouraged to set up a table to promote their club, sell their "toys", and especially to carry on the tradition set by the Cheezeheads of Wisconsin - providing munchies/hor doerves/etc. Anyone desiring a table for this event which should run from 8:30 to 11 PM Friday should let me know ASAP. If you are a vendor or a club and wish to set up at a table on other nights, that's fine too. Just find a table and pitch your tent.

Saturday night - QRP Banquet - \$25

The QRP Recognition banquet will again be held on Saturday night, beginning at 7 PM. This is a full course meal and the price is \$25.00. The highlight of the banquet will be the induction of new members into the QRP ARCI Hall of Fame. You can count on this - there will be the usual "load" of door prizes. To view the list of who has signed up for the banquet, go to our Registrant List.

Contests - FREE!

FDIM 2004 will have the traditional contests for homebrew and kits. We will be posting additional information soon on these events.

Hotel:

The official motel for all QRP activities is the Ramada Inn Dayton Mall. Send email to our room coordinator, Hank Kohl, K8DD, QRPRooms@netzero.net, if you want to be on the list. The rate is \$74 plus taxes (king may be extra), which is very competitive for Dayton on this weekend of the year.

Even more details!

Overview (to print out for your tracking):

Thursday - May 13, 2004:

QRP Symposium: 8:00 AM until 4:30 PM - Contribution \$18.00. We are getting some great offers for presentations, so please check back often at the QRP ARCI web site @ <http://www.qrparci.org/> for the list of presenters and topics and other up to date announcements.

Thursday Evening - May 13, 2004:

Author Social: 7:00 PM until 11:00 PM - No Charge

A chance to meet and talk with the QRP Symposium Speakers.

Friday Evening - May 14, 2004:

Vendor Social, starting at 8:30PM - No Charge

This evening is set up to allow the QRP vendors to display, demonstrate and discuss their products and latest offerings with YOU, their target audience.

You get a better chance to talk to the Vendors without the other 28,000 Amateur Radio Enthusiasts! Come ready for a fun evening!

Saturday Evening - May 15, 2004:

QRP ARCI Awards Banquet - 7:00 PM to 9:00 PM - \$25.00 per ticket. The annual QRP ARCI Awards Banquet honors QRPers who have made major contributions to QRP and Amateur Radio. We will announce the winners of the various "build it contests". We will hand out fabulous quality and quantity of door prizes as well as have lots of fun!

Later Saturday Evening - May 15, 2004:

Displays PLUS the Radio Show: 9:00 PM (after the Banquet) until ??? No Charge This provides QRPers time to socialize and view the displays of the Building and Design contest entries and winners. Plus, you can display and show off your projects and collections at the Radio Show!

For the latest on the building and design contests, please visit the QRP ARCI web site. <http://www.qrparci.org/>

Whew, can you believe the amount of activities planned? If you have been before, you know that you must come again. If you have not made it to FDIM in the past, this is a "Have to Attend" type of event. You will not be disappointed. Please continue to monitor QRP-L, QRP-F and the QRP ARCI web site @ <http://www.qrparci.org/> for additional updates and details.

Please contact me at K4TJD@arrl.net if you have any questions.

73

Tom Dooley, K4TJD
FDIM Chairman

Date: Tue, 24 Feb 2004 20:14:33 -0600
From: Richard Lim <richlim11@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [169046] First TWOFER
Message-ID: <5A25A084-6738-11D8-9993-000A95B92C0E@yahoo.com>
Mime-Version: 1.0 (Apple Message framework v612)
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=US-ASCII; format=flowed

Yippee! Hey bagged my first twofer! Got Mark K2QO 7038 and N0IT 7042 both working up a bit, no problem! Yippee!

Rich

72/73 DE KQ9L K1 #1669, K2 #3232
KX1 #21, FIST 10193, FP 548,
QRP ARCI 11129

Date: Tue, 24 Feb 2004 20:29:17 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-l@lehigh.edu>
Subject: [169047] RE: [Elmer 160] PIC El Programming Problems
Message-ID: <007001c3fb47\$2b86f320\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin,

>I changed out Q4 with a 2N3905 I had. I do get a clock on CTS now and
>it does read the data from the PIC.

Please tell me more about this. I assume you mean that you see CTS swinging from +4v (nominal "high") to -4v (nominal "low"). Something like that, right?

When you say it does read data from the PIC, do you mean that you program the PIC with your other (PICALL) programmer and then read it back with the PIC-EL? And does this yield all "correct" data? If so, it indicates that your clock pulse (RB7) is OK. If your Data pulse (RB6) shows similar voltage swings when you Write, it should be OK too.

>However, I still am unable to
>program. Once again, just the first Program Memory location and always
>a h0000. This in itself might be telling us something.
>Here is what I think...
>The FPP program is dutifully sending the information out the comm port
>and the PIC-EL is receiving it. Now since it is all zeros or low
>levels, perhaps the programming voltage isn't enough and each bit is a
>'low'. So that is what the PIC-EL programs.

Do you have a solid 5v (or close) coming out of the U2 voltage regulator? Again, I would like to know what "high" and "low" voltage levels you see at RB6 and RB7 when you are trying to Write to the PIC.

> FPP now reads back the
>first memory location and finding something different then was sent,

>shuts down with "Failed to Program!".

Yes, it will shut down quickly if it detects an error.

>My program voltage is 11.58V however I am supplying 15.08V with a wall
>wart (unregulated 12VDC @ 200ma). Is this normal? The 11.58V I mean.
>73/72 - Kevin, W8VOS

That should be fine. The voltage is limited to 11.58v by the zener diode.

If you put your volt meter on PIC pin 4 (MCLR) as you start to program what
do you see? It should go to zero (to reset the PIC) and then very quickly jump
up
to 11.5v to start the programming sequence.

72,
- Craig, AA0ZZ

Date: Tue, 24 Feb 2004 20:35:16 -0600
From: "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
To: "w8diz_qrpl_2" <w8diz_qrpl_2@partsandkits.com>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>,
"QRP-L on QTH Net" <QRP-L@mailman.qth.net>,
Subject: [169048] RE: [QRP-L] Truffle Hunt Announcenet for Tuesday evening
Message-ID: <412004232523516885@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Diz:

Many thanks for digging me out tonite. It was quite a hunt from here. We
got 11" of snow overnite and spent the day digging out. My antennas are
all bent over from snow/ice accumulation. Been praying all day that they
will survive! Anyway, thanks and GL.

73,
--Doc/K0EVZ

> [Original Message]
> From: w8diz_qrpl_2 <w8diz_qrpl_2@partsandkits.com>
> To: <QRP-L@mailman.qth.net>
> Date: 2/24/2004 10:49:08 AM
> Subject: [QRP-L] Truffle Hunt Announcenet for Tuesday evening
>
> Hi folks -

>
> Tonight at 01:30 UTC, I will be the Truffle, and will be using the SW
> Washington Flying Pigs QRP Club call of WA7FP, FP #779. This will be the
> first time since Field Day last summer that this call has been used on the
> air.
>
> Remember, that is 01:30 UTC (5:30 PM on the west coast) on 7.044. If the
> QRM is bad, I might listen up 1 kc, but will announce it to the group.
>
> C U then -
>
> Bill-N7MFB
> (Proud Porker #419)
>
>
> -----
> QRP-L mailing list
> Home: <http://mailman.qth.net/mailman/listinfo/qrp-l>
> Help: <http://mailman.qth.net/faq.htm>
> Post: <mailto:QRP-L@mailman.qth.net>

--- W.D. (Doc) Lindsey
--- dock0evz@earthlink.net
--- EarthLink: The #1 provider of the Real Internet.

Date: Tue, 24 Feb 2004 20:01:33 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [169049] Re: And now for something FREE!!!
Message-ID: <00dd01c3fb4b\$ad918520\$6501a8c0@bigdog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW!

Over 30 responses. No time to answer all individually, the
Rock-Mite is gone. (Heck it was gone in about 5 min)

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 24, 2004 12:29 PM
Subject: And now for something FREE!!!

> Folks, I have a 30m Rock-Mite available.
>
> 30m you say? YEP it is a converted 40m unit.
>
> The PBC is assembled and the unit is working.
>
> It is not in a case, I will mount it in an Altoids tin if you
wish, and
> that too is free. No shipping, taxes, service, good will,
tips, or any
> other kind of payment is required. Heck, I'll even ship it to
a non-US
> QTH for free!
>
> The 40m kit was a gift to me, as were the conversion parts. I
had my fun
> with it, now it is time to "share the wealth". When you tire
of it, give
> to somebody else, as I am giving it to you. Please don't sell
it.
>
> 73, Rod N0RC
>
>

Date: Tue, 24 Feb 2004 22:24:40 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [169050] WTB multipig boards
Message-ID: <Pine.LNX.4.33.0402242223230.7441-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have a started or unstarted project. Looking for LPF,BPF,TX,RX
boards.

Jim n2go

Date: Tue, 24 Feb 2004 20:47:17 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [169051] Another Freebie
Message-ID: <01d901c3fb52\$1131eb00\$6501a8c0@bigdog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This time it's my 40m Rock-Mite, but don't send your request just yet. Let's give the digest readers a chance. I'll reject requests sent before 8am MST FRI 27-Feb (1400 UTC FRI 27-Feb)

You can see this RM at: <http://users.frii.com/rwc/r-m/>

This is the RM that eventually lead to the Rock-Mite Files.

Like the 30m unit given away earlier, this 40m unit was also a gift. So as with the 30m unit, this RM is totally free, and when you tire of it, you are to pass it along totally free. You may not sell it.

73, Rod N0RC

Date: Tue, 24 Feb 2004 21:21:42 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [169052] ULTRA QRP
Message-ID: <020301c3fb56\$e030f550\$6501a8c0@bigdog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Been asked by a number of folks if I'm "quittin' radio". Nope,

just cutting way back. Less equipment, less time on air, fewer bands, actually one band, 20m. When the down sizing is complete I'll have only a DSW-II/20m and a PSK-20 (both from Small Wonder Labs www.smallwonderlabs.com). Oddly enough PSK is still somewhat attractive, I've had a number of interesting QSOs.

I'll also continue with ARS Sprints, a wonderful event--only 2 hours per month, no stringent logging reporting requirements--FUN! Don't look for me on a Sprint until June, currently I teach MON nights.

So that's the deal, catch you all down the log, _WAY_ down the log.

73, Rod N0RC

Date: Tue, 24 Feb 2004 22:30:45 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [169053] Re: XTAL needed
Message-ID: <20040225063045.93282.qmail@web9606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "John J. McDonough" <wb8rcr@arrl.net> wrote:
> Bummer on the frequencies -- 4.336 is a widely
> available frequency. Sounds
> like you may have to go to International. The bad
> news is they are
> expensive. The good news is they are good.

I think Mouser has this frequency crystal for just under 50 cents. At least they did a few months ago when I was looking for one to do a CB conversion.

=====
Tom Severt N2UHC
Frontenac, KS
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! Mail SpamGuard - Read only the mail you want.

<http://antispam.yahoo.com/tools>

Date: Wed, 25 Feb 2004 05:32:26 -0500
From: PMdc361@aol.com
To: qrp-l@lehigh.edu
Subject: [169054] OT repeater
Message-ID: <2F282987.71A46265.0017E976@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

To help with operational security I have been asked to acquire information for setting up a repeater for VHFUHF freq. I have no experience in such and I am soliciting the group with a vast knowledge pool for help. Please respond off list.

--
73 ditdit,

Dwayne YI9RVT/KE4RVT
Al Kut, Iraq
N33.29 E45.45
FPQRP #85
QRP-L #2201 (sk)
KX1 S/N 0337
K1 S/N 0113

Sometimes a little brain damage can help. (George Carlin)

Date: Wed, 25 Feb 2004 06:39:24 -0500
From: "Dick" <dboleyle@adelphia.net>
To: <qrp-l@Lehigh.EDU>
Subject: [169055] 6BTV Vertical - Guying??
Message-ID: <001101c3fb94\$049d11c0\$6601a8c0@s>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

6BTV Vertical - Guying?

I just saw that some Hams on the list have 6BTV verticals. I hope to install one ground mounted. In a ground mounted installation is guying needed??

Dick N3HKN

Date: Wed, 25 Feb 2004 06:48:08 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<dboley@adelphia.net>
Subject: [169056] Re: 6BTV Vertical - Guying??
Message-ID: <403C8B78.00000C.02128@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Dick
Date: 02/25/04 06:39:39
To: Low Power Amateur Radio Discussion
Subject: 6BTV Vertical - Guying??

6BTV Vertical - Guying?

I just saw that some Hams on the list have 6BTV verticals. I hope to install one ground mounted. In a ground mounted installation is guying needed??

Dick N3HKN

Hi Dick,
Guying never hurts but the 6BTV is one of the most rugged verticals i've ever used.
well built physically. Believe it's rated conservatively at 75 MPH wind.

73 Dave kc1di

Date: Wed, 25 Feb 2004 05:58:32 -0600
From: "Doc - W5TB" <w5tb@arrl.net>
To: <paul@prohomeinspector.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [169057] Re: Hustler 6BVT Vertical
Message-ID: <010f01c3fb96\$b543ee20\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul -- you can download the manual at
http://www.bencher.com/pdf_download.html

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRP/ARCI # 3532 ARRL Life Member K1 #181 K2#1617
<http://www.qsl.net/w5tb>

----- Original Message -----

From: "Paul Mackanos" <paul@prohomeinspector.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, February 24, 2004 6:27 PM
Subject: Re: Hustler 6BVT Vertical

> Thanks for the info, it looks like I have one coming in the next week or
> so. Is the manual too big to scan & send to me, I always get ahead of
myself
> when waiting for a new toy.
>
> Thanks, Paul K2DB
>

Date: Wed, 25 Feb 2004 06:26:34 -0600
From: "Doc - W5TB" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [169058] Re: Hustler 6BVT Vertical
Message-ID: <019a01c3fb9a\$9d1f10a0\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

:-(Sorry about the mix-up on the manual Paul -- I've learned not to try
posting before morning coffee ;-)

Thanks for starting this interesting thread -- the 6BTV looks like the vertical I'll install upon retirement in a few years.

Off to brew that coffee now ...

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRP/ARCI # 3532 ARRL Life Member K1 #181 K2#1617
<http://www.qsl.net/w5tb>

Date: Wed, 25 Feb 2004 08:46:03 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [169059] Re: WTB multipig boards
Message-ID: <200402250846.03097.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Diz still has the MP+ boards. See <http://partsandkits.com/>

John W2AGN

Date: Wed, 25 Feb 2004 07:08:16 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [169060] Journal of the Rock-Mite 30
Message-ID: <015b01c3fba8\$d1281b90\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Yesterday I offered up a free RM-30. A few folks though it would be fun to include a Log with the rig to track its history. I thought that was a pretty good idea and took it one step further: I began a "Journal" for the rig and will include it when I ship it. All the details are in the first entry of the log, attached below.

BTW the RM-40 I'm offering will go out in a similar way

73, Rod N0RC

Journal of the Rock-Mite 30

25-FEB-2004, Rod N0RC

It started life as a Rock-Mite 40 kit, and was a gift to Rod N0RC in 2003. N0RC obtained the parts necessary convert it to 30m, and the kit was built. After making a few contacts, it was set on the shelf, taken out of it case, and sat idle.

In early 2004 N0RC offered it as a gift to another QRP enthusiast, totally free, per the offer terms in this email:

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Rod N0RC

Sent: Tuesday, February 24, 2004 2:29 PM

To: Low Power Amateur Radio Discussion

Subject: And now for something FREE!!!

Folks, I have a 30m Rock-Mite available.

30m you say? YEP it is a converted 40m unit.

The PBC is assembled and the unit is working.

It is not in a case, I will mount it in an Altoids tin if you wish, and that too is free. No shipping, taxes, service, good will, tips, or any other kind of payment is required. Heck, I'll even ship it to a non-US QTH for free!

The 40m kit was a gift to me, as were the conversion parts. I had my fun with it, now it is time to "share the wealth". When you tire of it, give to somebody else, as I am giving it to you. Please don't sell it.

73, Rod N0RC

THE RULES OF PROPRIETORSHIP AS THUS:

1. THIS ROCK-MITE 30M IS THE PROPERTY OF THE GREATER QRP-ENTHUSIAST HAM COMMUNITY, IN PERPETUITY.
2. YOU CAN NEVER OWN IT, YOU ARE ONLY THE CURRENT CARETAKER.
3. IN CAN NEVER BE SOLD, IT MUST PASS FROM ONE TO ANOTHER TOTALLY FREE OF CHARGE.
4. THIS JOURNAL, IN PAPER AND ASCII TEXT FORMAT, ON A FLOPPY DISK, OR ELECTRONIC MESSAGE (EMAIL), MUST ACCOMPANY THE ROCK-MITE 30
4. YOU ARE TO MAKE ENTRIES INTO THIS JOURNAL ABOUT THE ROCK-MITE 30S USE WHILE UNDER YOUR CARE. YOU ARE FREE TO WRITE WHAT EVER YOU WISH, BUT YOU MUST WRITE SOMETHING.
5. WHEN YOU TIRE OF IT AND PASS IT ALONG, PLEASE BE SURE IT IS PROPER WORKING ORDER FOR THE NEXT CARETAKER,

On 25-Feb the RM-30 was mailed to Dan, N8IE

* * * * *

Date: Wed, 25 Feb 2004 08:11:19 -0600
From: "J. Michael Thurman" <jmthurman@centurytel.net>
To: "Dick" <dboley@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [169061] RE: 6BTV Vertical - Guying??
Message-ID: <LFEDLPKPGGKLEMOMICIBAEPDAA.jmthurman@centurytel.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You'll want to guy it if you install the 80m resonator. Beware, the guy ropes will alter your tuning on 40m! The message is this: when tuning 40m, loosly attach the guy ropes to your stakes before taking a reading with the antenna analyzer.

73,
Michael
WN5T

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Dick
Sent: Wednesday, February 25, 2004 5:39 AM
To: Low Power Amateur Radio Discussion
Subject: 6BTV Vertical - Guying??

6BTV Vertical - Guying?

I just saw that some Hams on the list have 6BTV verticals. I hope to install
one ground mounted. In a ground mounted installation is guying needed??

Dick N3HKN

Date: Wed, 25 Feb 2004 09:37:34 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [169062] An Article on a Magnetic Loop for SWL
Message-ID: <403CB32E.A8E8C6B1@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I just finished writing a How-To article on a magnetic loop I recently
built for shortwave listening. This receive-only loop is built from
readily available materials and it is easy and cheap to build. The loop
covers a frequency range of about 5 MHz to 22 MHz.

The article contains construction details, drawings, pictures and also
includes a sound sample showing the dramatic difference a loop can make
over the built-in whip antenna on a portable shortwave receiver.

Included are also images and details on a small tripod I built that can
be used for other antennae as well. In fact, I originally built the

Date: Wed, 25 Feb 2004 07:00:47 -0800
From: "Walter Costa" <walt3120@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [169064] RE: Hustler 6BVT Vertical and Radials
Message-ID: <BAY12-F5Jcfuy01sIJM0000ce3a@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Clipped a lot of great stuff from Duffey.....

>.....

>

>I hope that this post helps someone. - Dr. Megacycle KK6MC/5

>

Thanks for taking the time to post that info.

I've printed it out and put it into my "Antenna-Vertical" folder!

It will help me on my next QRPTTF.

Dream of owning a home? Find out how in the First-time Home Buying Guide.
<http://special.msn.com/home/firsthome.armx>

Date: Wed, 25 Feb 2004 10:22:54 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: JamesDuffey@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [169065] Re: Hustler 6BVT Vertical and Radials
Message-ID: <403CBDCE.13965AA4@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doctor Megacycle and the gang,

Let me relate a learning experience that goes back about 26 or so years. In 1978 I was assigned to a three year position in Amsterdam, Holland; it was to be living on the economy.

Not having any antennas that would make the trip, I decided to purchase an antenna over there. Fortunately on a visit about one month before I was scheduled to depart sunny southern California, I met a returning field engineer who was returning. A deal was struck and I became the proud owner of a HyGaib 14BTV three band vertical. The sales price was \$20.00.

The 14BTV has similar ground requirements to all other quarter wave verticals. The Netherlands has some unique ground characteristic that may be of interest to this discussion.

The Netherlands is one of the "Low Countries". Its land area,

especially on the west coast, is largely reclaimed from the ocean (the shallow part). Landowners pay a special annual tax to keep the water level pumped out below their property. My house was one of these, and I was familiar with the water pumping before I installed the antenna.

The water level was kept pumped down to 1 to 3 meters below the surface. Accordingly, I reasoned, with that proximity to brackish water, I could get along without radials! I installed the antenna on a piece of scrap pipe about 5 feet long. To be sort of safe I installed four, five foot solid copper grounds near the base. I connected the feed line, hastily thrown out of an upstairs window, ran up to the shack and turned on the rig.

Presto, 14.010, SWR 1.00:1, 14.050 SWR 1:1, 14,150 SWR 1:1; hmmm, maybe there is a problem here, let's try 15. 21.05, 21.1, 21.2, SWR all 1:1. 28.1, 28.5, 29.0. SWR identical. What was going on here. I knew everything was good, I had seen the antenna work before it was taken down. I had brought the coax from California. I was sure my installation was food.

I consulted with my mentor, WA6IVC, Bruce Williams. He heard the problem description and congratulated me on making a dummy load. Chuckling at the plight of one of his field engineers, he suggested adding four resonant radials per band. I explained away theory as to why radials weren't necessary. He said try them on one band and if they don't make out a real antenna there he would sponsor a free Dutch dinner on his next visit.

Needless to say the addition of radials made all the difference. I installed four per band, spaced about equally around the base, just laying in the surface. I made about 5000 QSO's with the antenna over the next two years. All states, DXCC, and most of WAE. I think I got my money's worth.

I learned an important lesson about ground that day. It is one I preach to this day. If you want good antenna performance, check your ground!

Bruce

Date: Wed, 25 Feb 2004 09:37:56 -0600

From: KD5NWA <KD5NWA@cbayona.com>

To: jsielke@pobox.com,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [169066] Re: WTB multipig boards

Message-ID: <5.2.0.9.0.20040225091736.00b49a98@127.0.0.1>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

John, I have been thinking about buying a MP+ kit, actually I already have three of the kits, but I'm not sure if I should buy the rest.

By the time you buy all the kits, you have spent quite a bit of money and you still don't have a case, but I like the modular approach to this radio.

So, my big question is, how good is the receiver on the MP+?

Is it quiet, sensitive, can it handle crowded bands?

Any feedback would be appreciated by you or any MP+ owner.

At 07:46 AM 2/25/2004, John Sielke wrote:

>Diz still has the MP+ boards. See <http://partsandkits.com/>

>

>John W2AGN

Cecil

KD5NWA

Date: Wed, 25 Feb 2004 08:01:46 -0800 (PST)

From: Lloyd Lachow <llachow@yahoo.com>

To: "the old, almost gone, low-energy list" <qrp-l@Lehigh.EDU>,
"a new, nice low-energy list" <qrp-l@mailman.qth.net>

Subject: [169067] multiPIG+ review (was WTB multipig boards)

Message-ID: <20040225160146.44325.qmail@web41009.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- KD5NWA <KD5NWA@cbayona.com> wrote:

> John, I have been thinking about buying a MP+ kit,

> actually I already have

> three of the kits, but I'm not sure if I should buy

> the rest.

>

> By the time you buy all the kits, you have spent

> quite a bit of money and

> you still don't have a case, but I like the modular

> approach to this radio.

>

> So, my big question is, how good is the receiver on
> the MP+?
>
> Is it quiet, sensitive, can it handle crowded bands?
>
> Any feedback would be appreciated by you or any MP+
> owner.

When I got my multiPIG+ done, I was a bit burned out by the process, and I wound up shelving it for a number of months. But I kept thinking about it, and how it had all the bands, and how others had raved about the receiver, etc.

Meanwhile, I had put up my loop antenna, and gotten a used ZM-2 tuner to use with it. So, one night, after hunting Foxii for a couple of hours with my K1, I took it out, to see what it could hear. The difference was startling.

When I went from a HW-7 to the K1, it was like taking up full-time residence in heaven. The receiver, and the bells n' whistles, were outrageously good, better than I had ever experienced, since I really had no experience with full-featured, commercial rigs.

Then came the MP+, that night - I could copy the same Foxii, with the same antler, several S-units louder, with noticeably less noise. Since then, the K1 has made its way into a drawer, and the pigrig is on the air. I love the receiver, and have worked a bunch of stations with very marginal sigs into my shack - such as Mark, the NY Fox, last night.

I've done a bunch of mods so far, most notably the dual VFO mod, to enable split ops, and more are to come. It's sure not a rig for everyone, though...for me, the prospect of dreaming up an enclosure, finding all the bits needed for mods, figuring out how to do the mods, all that - have been part of the enjoyment. This is a rig that looks like some ham homebrewed it! But with it, I get great signal reports, a whole bunch of bands, the ability to peak up the BPF for the section of the band I'm on - and some more understanding of how the parts of the rig work together.

If you want a QRP CW all-band tranceiver (which is easily modified, or used in conjunction with other projects,) with top-notch performance, for under \$350, this is really worth a long look, imo.

Just don't bother winding the 60M toroids...8^D

72!

LL

=====

72 es oo, Lloyd, K3ESE - Reisterstown, Maryland FM19p1
KX1#11 - multiPIG+ #14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #-476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

Yahoo! Mail SpamGuard - Read only the mail you want.
<http://antispam.yahoo.com/tools>

Date: Wed, 25 Feb 2004 11:26:14 -0500
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: qrp-l@mailman.qth.net
Subject: [169068] FS: MultiPig+ Kit
Message-ID: <Law9-F36BeBJZL4tB8000006e9e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

With some discussion about the MultiPig+ on the reflector I was reminded that I have a lot of bags of parts!!

Lost interest.

The PLL is built and works FB. One of the filter boards has about 5 parts on it, and the rest is still in bags. Asking \$175 shipped in CONUS for PLL, FreqCtr, Rx, Tx, BPF, and LPF.

Ron

Find and compare great deals on Broadband access at the MSN High-Speed Marketplace. <http://click.atdmt.com/AVE/go/onm00200360ave/direct/01/>

Date: Wed, 25 Feb 2004 16:45:29 +0000
From: "Wayne M. Rogers" <w5kdj@juno.com>
To: KD5NWA@cbayona.com
Cc: qrp-1@Lehigh.EDU
Subject: [169069] Re: WTB multipig boards
Message-ID: <20040225.164530.-3855121.0.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am also thinking about buy this same radio, comments pls.

Wayne_W5KDJ
ex: SV0WWW - TF2WJN 100% A1
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL *e-QSL*

On Wed, 25 Feb 2004 09:37:56 -0600 KD5NWA <KD5NWA@cbayona.com> writes:
> John, I have been thinking about buying a MP+ kit, actually I already
> have
> three of the kits, but I'm not sure if I should buy the rest.
>
> By the time you buy all the kits, you have spent quite a bit of
> money and
> you still don't have a case, but I like the modular approach to this
> radio.
>
> So, my big question is, how good is the receiver on the MP+?
>
> Is it quiet, sensitive, can it handle crowded bands?
>
> Any feedback would be appreciated by you or any MP+ owner.
>
>
> At 07:46 AM 2/25/2004, John Sielke wrote:
> >Diz still has the MP+ boards. See <http://partsandkits.com/>
> >

> >John W2AGN
>
> Cecil
> KD5NWA
>
>
>

Date: Wed, 25 Feb 2004 17:40:52 GMT
From: jakidz@pullman.com
To: qrp-l@Lehigh.EDU
Subject: [169070] Re: Hustler 6BVT Vertical and Radials
Message-ID: <200402251714.i1PHEVb8064601@whale2.fsr.net>

James R. Duffey wrote:

> Sommer had a good discussion of the optimal use of wire in a radial
> system in the August 2003 QST.

August 2003 has gone AWOL out of the stack. Any similar recommendations on elevated radials? I'm a very, very green modeler but it looks like bending them down from the feedpoint for a short distance, having balanced but nonresonant and not equal pairs, putting the monopole on a post above the groundplane and so on have very interesting effects on feedpoint impedances and radiation patterns. If they are real, some effects appear advantageous and some not.

Does anyone have a good nec, ez or weq model of this antenna or its siblings with traps, resonators and all? I'd like to compare it to simple monopoles at various heights and with various radial systems.

Tnx and 73.
John, K7JG.

This message was sent by First Step Internet.
<http://www.fsr.net/>

Date: Wed, 25 Feb 2004 12:47:32 -0600
From: "Walter AG5P" <walter@accessus.net>
To: <qrp-l@lehigh.edu>
Subject: [169071] Re: Hustler 6BVT Vertical and Radials

Message-ID: <000901c3fbcf\$d49459c0\$e6466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, you might do some reading at the Force 12
antenna site.

Look about half way down the page, at:
<http://force12inc.com/F12-SE-Yagi-tuning-Elev-Radials-1-2.htm>

Then you may want to read about Team Vertical, at:
<http://force12inc.com/F12-amateur-home-002.htm>

I do not own any of their antennas, I'm a homebrewer,
but they have a nice info filled website.

73...Walter - AG5P

Date: Wed, 25 Feb 2004 18:52:36 +0000
From: wa3rey@comcast.net
To: qrp-l@lehigh.edu
Subject: [169072] Another home for QRP-L
Message-ID: <022520041852.14356.2f78@comcast.net>

I subscribe to several Yahoo! message groups including the Ham Radio Deluxe group
at <http://groups.yahoo.com/group/ham-radio-deluxe/messages/>

The group is dedicated to the use of Ham Radio Deluxe software, a freeware program
that controls transceivers.

Two weeks ago, the group moved to an alternate site,
<http://www.ham-radio.ch/forums/> which is the address of a server that Simon,
HB9DRV, has set up.

The software is an open source program that provides a web-based BBS for members.

Take a look at what Simon and others have done in building a fine BBS there.

If QRP-L could find similar space on a server somewhere, I think this would be a
nice website to model QRP-l after.

QRP-L could still use the mailing list at QTH.net.

Take a look around at <http://www.ham-radio.ch/forums/index.php>
and I think you'll see the advantages of that format.

73,

Tom, WA3REY

Date: Wed, 25 Feb 2004 14:24:39 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [169073] Re: WTB multipig boards
Message-ID: <200402251424.39781.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Wed, 25 Feb 2004, KD5NWA wrote:

> John, I have been thinking about buying a MP+ kit, actually I already have
> three of the kits, but I'm not sure if I should buy the rest.
>
> By the time you buy all the kits, you have spent quite a bit of money and
> you still don't have a case, but I like the modular approach to this radio.
>
> So, my big question is, how good is the receiver on the MP+?
>
> Is it quiet, sensitive, can it handle crowded bands?
>

I am quite impressed with the MP+ receiver. One trick is to use a LOG
taper pot rather than Linear Taper for the bandwidth control. On mine, it
seems to spread the usable adjustment better. I find the receiver VERY
sensitive, and immune to close in signals blanking it. (Crossmod). I would
say it is almost as good as the K2. I have the DSP on my K2, so that is an
extra. Beats the heck out of the run of the mill stuff like the FT-817,
SG-2020, even the K1 and KX1. I liked being able to "personalize" the rig.
I put in the dual VFO mod, PLL tuning cap, RF gain, all 4 memories for the
keyer, etc. Plus I built a nice wood case for it.

It all depends what you want, and if you like to play with it as much as
operate.

- - - - - John L. Sielke

/ \ / \ / \ / \ / \ http://w2agn.net
(W)(2)(A)(G)(N)w2agn@w2agn.net
/ _/_ _/_ _/_ _/_

Date: Wed, 25 Feb 2004 11:29:44 -0800
From: "Chetan Bhargava" <list3@bhargavaz.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [169074] Re: XTAL needed
Message-ID: <011001c3fbd5\$bd54e850\$4301a8c0@Chetan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

PAL colorburst frequency is close to this one so it might have been the PAL
xtal. PAL xtal is 4.43 MHz.

Regards,

Chetan

----- Original Message -----
From: "Tom Severt" <n2uhc@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 24, 2004 10:30 PM
Subject: Re: XTAL needed

>
> I think Mouser has this frequency crystal for just
> under 50 cents. At least they did a few months ago
> when I was looking for one to do a CB conversion.

Date: Wed, 25 Feb 2004 13:54:39 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: qrp-1@lehigh.edu
Subject: [169075] loght switch
Message-ID: <403CA91F.29926.A46353@localhost>
MIME-Version: 1.0

Can anybody tell me where the light switch is so we can make sure the lights are off and the place locked up?
--
Frank Emens
femens@hiwaay.net
Huntsville, Alabama

Nobody here but us chickens. :{)

Chris

```

      /-----.\
     /   What's all this   \
    / extinct stuff, anyhow? \
   /-----\
  |/
oo\
(--) \
     \ . ' .
     \ / \
     \| " \|
     .   ( ) \
     '-| )__ :. \
       | | | | \ '.
       c _ i c _ i ' -.. '>._

```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

----- Original Message -----

From: "Frank Emens" <femens@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 25, 2004 12:54 PM
Subject: loght switch

> Can anybody tell me where the light switch is so we can make sure the
lights are off
> and the place locked up?
> --
> Frank Emens
> femens@hiwaay.net
> Huntsville, Alabama
>

Date: Wed, 25 Feb 2004 15:12:39 -0500
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: qrp-1@Lehigh.EDU
Cc: qrp-1@mailman.qth.net
Subject: [169077] SOLD_____FS: MultiPig+ Kit
Message-ID: <Law9-F65h9vXsFFsAit00007eed@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The Multipig+ has been sold. Had 17 requests!!!!

Ron

Stay informed on Election 2004 and the race to Super Tuesday.
<http://special.msn.com/msn/election2004.armx>

Date: Wed, 25 Feb 2004 20:15:13 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: walter@accessus.net, qrp-1@Lehigh.EDU
Subject: [169078] Re: Hustler 6BVT Vertical and Radials
Message-ID: <BAY14-F35spr0fxPhph0001431e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Force 12 vert. are center feed 1/2wave verticals, different from the 1/4
wave vert. by the other manufactures. 1/2 wave does not need radials, 1/4

wave does.

Lets keep it apples to apples.

73, Bill kc4atu

>From: "Walter AG5P" <walter@accessus.net>
>Reply-To: "Walter AG5P" <walter@accessus.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Hustler 6BVT Vertical and Radials
>Date: Wed, 25 Feb 2004 12:47:32 -0600
>
>John, you might do some reading at the Force 12
>antenna site.
>
>Look about half way down the page, at:
><http://force12inc.com/F12-SE-Yagi-tuning-Elev-Radials-1-2.htm>
>
>Then you may want to read about Team Vertical, at:
><http://force12inc.com/F12-amateur-home-002.htm>
>
>I do not own any of their antennas, I'm a homebrewer,
>but they have a nice info filled website.
>
>73...Walter - AG5P
>

Get fast, reliable access with MSN 9 Dial-up. Click here for Special Offer!
<http://click.atdmt.com/AVE/go/onm00200361ave/direct/01/>

Date: Wed, 25 Feb 2004 14:29:56 -0600
From: "Walter AG5P" <walter@accessus.net>
To: "Bill Rowlett" <kc4atu@hotmail.com>, <qrp-1@lehigh.edu>
Subject: [169079] Re: Hustler 6BVT Vertical and Radials
Message-ID: <001001c3fbde\$22997660\$e6466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, Bill, if you had gone to the first webpage that
was given, ie
Tuning Elevated Radials for 1/4 Wavelength Verticals

which is at
<http://force12inc.com/F12-SE-Yagi-tuning-Elev-Radials-1-2.htm>
and scroll down about half way down the page, you
would be able to read and see the drawing/pixs on
how they accomplished the radials and tuning.

We are talking apples to apples.....smile!

73...Walter - AG5P

----- Original Message -----

From: "Bill Rowlett" <kc4atu@hotmail.com>
To: <walter@accessus.net>; <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 25, 2004 2:15 PM
Subject: Re: Hustler 6BVT Vertical and Radials

> Force 12 vert. are center feed 1/2wave verticals, different from the 1/4
> wave vert. by the other manufactures. 1/2 wave does not need radials, 1/4
> wave does.

>
> Lets keep it apples to apples.

>
> 73, Bill kc4atu

>
>
> >From: "Walter AG5P" <walter@accessus.net>
> >Reply-To: "Walter AG5P" <walter@accessus.net>
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Subject: Re: Hustler 6BVT Vertical and Radials
> >Date: Wed, 25 Feb 2004 12:47:32 -0600

> >
> >John, you might do some reading at the Force 12
> >antenna site.

> >
> >Look about half way down the page, at:
> ><http://force12inc.com/F12-SE-Yagi-tuning-Elev-Radials-1-2.htm>

> >
> >Then you may want to read about Team Vertical, at:
> ><http://force12inc.com/F12-amateur-home-002.htm>

> >
> >I do not own any of their antennas, I'm a homebrewer,
> >but they have a nice info filled website.

> >
> >73...Walter - AG5P

> >

>

>

> -----

> Get fast, reliable access with MSN 9 Dial-up. Click here for Special Offer!
> <http://click.atdmt.com/AVE/go/onm00200361ave/direct/01/>
>

Date: Wed, 25 Feb 2004 15:04:41 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [169080] ATN: Doug Hendricks re spy radios, paraset
Message-ID: <000701c3fbe2\$fcc0a490\$4e100a0a@rohredt2000>

Doug,
The Force is bouncing my emails direct to you.

Many thanks to various listees who forwarded your request to me. I also got your direct mail but my reply bounced, so List; pardon this method:

The book I talked about sometime back is called "Clandestine Operations, The Arms and Techniques of the Resistance, 1941-1944" By Pierre Lorain, with English adaptation by David Kahn. Macmillan Publ. c 1983. Text and Drawings c 1972, in "Armement Clandestin, S.O.E., 1941-1944, France." ISBN 0-02-575200-6 (English version). This has the Paraset and its predecessors and successors used in France in WW2. Schematics are in book, but do not have part values, but the circuits are typical Colpitts, and Regen circuits with common (American) tubes for the most part.

I have failed in finding additional copies. I got mine on close out at book store. Perhaps you could find the French text version, which has the same drawings and schematics. All illustrations are line drawings, but an excellent book, Editor used ham resources to check the radio chapters.

Another more recent book that contains photos of some old Resistance radios and more modern clandestine radios of Cuba and Viet Nam era from both sides; is:

"Eyewitness: SPY" by Rich Platt, Geoff Dann, Steve Gorton, Pub. July 2000, and obtained currently at Barnes and Noble Book Stores, on line. Although a more general overview of history of spying, it has excellent photos of a few radios.

I am still trying to find out what model radio was dropped to Malayan resistance fighters during the Japanese Occupation. Saw one, (one tube, either 6L6 or 6V6), in my 9M2 days. Had wood case, black bakelite panel. Stowage in wood lid for tube. Built in key, crystal control. Does not appear to be paraset or any of the others in the above books but similar. Perhaps memory of one tube is clouded by time, and it was a paraset or

similar model. It was owned by a 9M2 who worked at the time, 1967 for Radio Malaysia Ipoh station.

Good luck on your book search.
72, and 72 to the list members
Stuart Rohre
K5KVH

Date: Wed, 25 Feb 2004 16:36:41 -0500
From: "William D. Rugg, Jr." <Bill.Rugg@comcast.net>
To: <rohre@arlut.utexas.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [169081] Re: Doug Hendricks re spy radios, paraset
Message-ID: <003101c3fbe7\$759015a0\$6501a8c0@eatntn01.nj.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hi, stuart.

you might try the 'strand bookstore' in new york city. they are about the largest seller of used books in the country.

regards to all,
bill K2RXQ

----- Original Message -----

From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 25, 2004 4:04 PM
Subject: ATN: Doug Hendricks re spy radios, paraset

> Doug,
> The Force is bouncing my emails direct to you.
>
> Many thanks to various listees who forwarded your request to me. I also
got
> your direct mail but my reply bounced, so List; pardon this method:
>
> The book I talked about sometime back is called "Clandestine Operations,
The
> Arms and Techniques of the Resistance, 1941-1944" By Pierre Lorain, with

> English adaptation by David Kahn. Macmillan Publ. c 1983. Text and
> Drawings c 1972, in "Armement Clandestin, S.O.E., 1941-1944, France."
ISBN
> 0-02-575200-6 (English version). This has the Paraset and its
predecessors
> and successors used in France in WW2. Schematics are in book, but do not
> have part values, but the circuits are typical Colpitts, and Regen
circuits
> with common (American) tubes for the most part.
>
> I have failed in finding additional copies. I got mine on close out at
book
> store. Perhaps you could find the French text version, which has the
same
> drawings and schematics. All illustrations are line drawings, but an
> excellent book, Editor used ham resources to check the radio chapters.
>
> Another more recent book that contains photos of some old Resistance
radios
> and more modern clandestine radios of Cuba and Viet Nam era from both
sides;
> is:
>
> "Eyewitness: SPY" by Rich Platt, Geoff Dann, Steve Gorton, Pub. July
2000,
> and obtained currently at Barnes and Noble Book Stores, on line. Although
a
> more general overview of history of spying, it has excellent photos of a
few
> radios.
>
> I am still trying to find out what model radio was dropped to Malayan
> resistance fighters during the Japanese Occupation. Saw one, (one tube,
> either 6L6 or 6V6), in my 9M2 days. Had wood case, black bakelite panel.
> Stowage in wood lid for tube. Built in key, crystal control. Does not
> appear to be paraset or any of the others in the above books but similar.
> Perhaps memory of one tube is clouded by time, and it was a paraset or
> similar model. It was owned by a 9M2 who worked at the time, 1967 for
Radio
> Malaysia Ipoh station.
>
> Good luck on your book search.
> 72, and 72 to the list members
> Stuart Rohre
> K5KVH
>
>

Date: Wed, 25 Feb 2004 15:28:06 -0800
From: "Frank" <fking@oregonvos.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [169082] Radio Shack nibbling tool
Message-ID: <000801c3fbf7\$06667e20\$ec1ab1c6@D3C2ZN21>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Radio Shack has its \$9.99 nibbling tool on sale for \$4.99

Frank
AA7XA

Date: Wed, 25 Feb 2004 18:44:51 -0500
From: "Ken Evans" <w4du@bellsouth.net>
To: <KD5NWA@cbayona.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [169083] Re: WTB multipig boards
Message-ID: <008701c3fbf9\$5c9baac0\$6401a8c0@pawpaw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cecil,

I have had an MP+ for about a year and find it well worth the time money and effort. I ran it side - by - side with an FT-1000 MP and found the two receivers comparable (setting aside some of the bells and whistles in the FT 1000). I particularly like the variable filter in the MP+. If you have the Fall 2003 issue of the QRP Quarterly, there is a review if the MP+ (by me).

Ken
W4DU
Vice President - QRP ARCI
QRPARCI #696, GQRP#5918, FP#295, ARRL - Life

----- Original Message -----

From: "KD5NWA" <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 25, 2004 10:37 AM
Subject: Re: WTB multipig boards

> John, I have been thinking about buying a MP+ kit, actually I already have
> three of the kits, but I'm not sure if I should buy the rest.
>
> By the time you buy all the kits, you have spent quite a bit of money and
> you still don't have a case, but I like the modular approach to this radio.
>
> So, my big question is, how good is the receiver on the MP+?
>
> Is it quiet, sensitive, can it handle crowded bands?
>
> Any feedback would be appreciated by you or any MP+ owner.
>
>
> At 07:46 AM 2/25/2004, John Sielke wrote:
> >Diz still has the MP+ boards. See <http://partsandkits.com/>
> >
> >John W2AGN
>
> Cecil
> KD5NWA
>
>

End of QRP-L Digest 3208
